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NATIONAL SEARCH REPORT

International Application No
PCT/EP 03/11224

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04L25/02 H04L25/06 H04L25/03

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 196 06 102 A (SIEMENS AG) 21 August 1997 (1997-08-21) column 2, line 61-64 claims 1,2	1-3,5-14
A	—	4
A	EP 0 954 142 A (LUCENT TECHNOLOGIES INC) 3 November 1999 (1999-11-03) page 4, line 1 - line 5 page 4, line 25 - line 30	1-14
A	WO 01 31867 A (NOKIA) 3 May 2001 (2001-05-03) page 2, last paragraph -page 3, line 2	1-14

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

T later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

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Date of the actual completion of the International search

6 February 2004

Date of mailing of the International search report

16/02/2004

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Information on patent family members

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Patent document cited in search report		Publication date		Patent family member(s)		Publication date
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			AU	3719499 A		16-11-1999
			WO	9956440 A1		04-11-1999
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